

Refine Search

Search Results -

Term	Documents
GLUCAN	5926
GLUCANS	2235
(2 AND GLUCAN).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3
(L2 AND "GLUCAN").PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L5

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L5</u>	l2 and "glucan"	3	<u>L5</u>
<u>L4</u>	L3 and "glucan"	2	<u>L4</u>
<u>L3</u>	L2 and "glycerin"	33	<u>L3</u>
<u>L2</u>	"snoring"	1927	<u>L2</u>
<u>L1</u>	"snoring" and "glucan" and "glycerin"	2	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20020102316 A1**Using default format because multiple data bases are involved.**

L1: Entry 1 of 2

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102316

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102316 A1

TITLE: Composition and method for treating snoring

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Weissman, Glenn H.	Bradbury	CA	US	

US-CL-CURRENT: 424/757; 424/771, 514/345, 514/54

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 2. Document ID: WO 200243719 A2, US 20020102316 A1, AU 200219945 A

L1: Entry 2 of 2

File: DWPI

Jun 6, 2002

DERWENT-ACC-NO: 2002-490264

DERWENT-WEEK: 200270

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Composition useful in the treatment of snoring comprises a solution containing homopolysaccharide

INVENTOR: WEISSMAN, G H

PRIORITY-DATA: 2000US-250117P (December 1, 2000), 2001US-0973185 (October 10, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200243719 A2	June 6, 2002	E	029	A61K031/00
US 20020102316 A1	August 1, 2002		000	A61K035/78
AU 200219945 A	June 11, 2002		000	A61K031/00

INT-CL (IPC): [A61 K 31/00](#); [A61 K 31/44](#); [A61 K 31/715](#); [A61 K 35/78](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Term	Documents
SNORING	1927
SNORINGS	1
GLUCAN	5926
GLUCANS	2235
GLYCERIN	53501
GLYCERINS	388
(SNORING AND GLUCAN AND GLYCERIN).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2
("SNORING" AND "GLUCAN" AND "GLYCERIN").PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

Display Format: [Previous Page](#)[Next Page](#)[Go to Doc#](#)

Refine Search

Search Results -

Term	Documents
SNORING	1927
SNORINGS	1
GLUCAN	5926
GLUCANS	2235
GLYCERIN	53501
GLYCERINS	388
(SNORING AND GLUCAN AND GLYCERIN).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2
("SNORING" AND "GLUCAN" AND "GLYCERIN").PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L1

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

Set Name **Query**
 side by side

Hit Count **Set Name**
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L1 "snoring" and "glucan" and "glycerin"

2 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Term	Documents
GLUCAN	5926
GLUCANS	2235
(2 AND GLUCAN).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3
(L2 AND "GLUCAN").PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L5

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L5</u>	l2 and "glucan"	3	<u>L5</u>
<u>L4</u>	L3 and "glucan"	2	<u>L4</u>
<u>L3</u>	L2 and "glycerin"	33	<u>L3</u>
<u>L2</u>	"snoring"	1927	<u>L2</u>
<u>L1</u>	"snoring" and "glucan" and "glycerin"	2	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20040028676 A1**Using default format because multiple data bases are involved.**

L5: Entry 1 of 3

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040028676

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040028676 A1

TITLE: Swallowing system tissue modifier

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Klein, Dean A.	North Oaks	MN	US	
Brazil, James D.	Braham	MN	US	

US-CL-CURRENT: 424/125

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 2. Document ID: US 20020102316 A1

L5: Entry 2 of 3

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102316

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102316 A1

TITLE: Composition and method for treating snoring

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Weissman, Glenn H.	Bradbury	CA	US	

US-CL-CURRENT: 424/757; 424/771, 514/345, 514/54

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 3. Document ID: WO 200243719 A2, US 20020102316 A1, AU 200219945 A

L5: Entry 3 of 3

File: DWPI

Jun 6, 2002

DERWENT-ACC-NO: 2002-490264

DERWENT-WEEK: 200270

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Composition useful in the treatment of snoring comprises a solution containing homopolysaccharide

own link

INVENTOR: WEISSMAN, G H

PRIORITY-DATA: 2000US-250117P (December 1, 2000), 2001US-0973185 (October 10, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200243719 A2	June 6, 2002	E	029	A61K031/00
US 20020102316 A1	August 1, 2002		000	A61K035/78
AU 200219945 A	June 11, 2002		000	A61K031/00

INT-CL (IPC): A61 K 31/00; A61 K 31/44; A61 K 31/715; A61 K 35/78

Full Title Citation Front Review Classification Date Reference **Sequences** Attachments Claims KWIC Draw De

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
GLUCAN	5926
GLUCANS	2235
(2 AND GLUCAN).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3
(L2 AND "GLUCAN").PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

Display Format:

Change Format

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

(FILE 'HOME' ENTERED AT 15:49:43 ON 28 APR 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS,
DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 15:50:02 ON 28 APR
2004

SEA SNOR? AND GLYCERIN?

4 FILE CAPLUS
1 FILE EMBASE
6 FILE IFIPAT
3 FILE IMSPRODUCT
1 FILE JICST-EPLUS
4 FILE PROMT
1 FILE TOXCENTER
60 FILE USPATFULL
4 FILE USPAT2
8 FILE WPIDS
8 FILE WPINDEX

L1 QUE SNOR? AND GLYCERIN?

SEA L1 AND GLUCAN

1 FILE CAPLUS
1 FILE IFIPAT
1 FILE PROMT
2 FILE USPATFULL
1 FILE WPIDS
1 FILE WPINDEX

L2 QUE L1 AND GLUCAN

FILE 'CAPLUS, IFIPAT, PROMT, USPATFULL' ENTERED AT 15:51:15 ON 28 APR 2004

L3 5 S L2
L4 4 DUP REM L3 (1 DUPLICATE REMOVED)
L5 3 S L4 AND SNORING

=> d l3 1-5

L3 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:428705 CAPLUS
DN 137:10992
TI Composition and method for treating **snoring**
IN Weissman, Glenn H.
PA USA
SO PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002043719	A2	20020606	WO 2001-US44817	20011130
	WO 2002043719	A3	20030522		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

US 2002102316 A1 20020801 US 2001-973185 20011010
AU 2002019945 A5 20020611 AU 2002-19945 20011130
PRAI US 2000-250117P P 20001201
WO 2001-US44817 W 20011130

L3 ANSWER 2 OF 5 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10158674 IFIPAT;IFIUDB;IFICDB
TI COMPOSITION AND METHOD FOR TREATING **SNORING**; USEFUL FOR
TREATING **SNORING**
IN Weissman Glenn H
PA Unassigned Or Assigned To Individual (68000)
PI US 2002102316 A1 20020801
AI US 2001-973185 20011010
PRAI US 2000-250117P 20001201 (Provisional)
FI US 2002102316 20020801
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION

CLMN 22

GI 3 Figure(s).

FIG. 1 is a graphical depiction of the results of a study of 20 individuals who suffered from **snoring**, both before and after use of a composition according to the present invention.

FIG. 2 is a graphical depiction of the results of the study of 20 **snorers**, wherein the data have been arranged and analyzed by the **snorers'** genders.

FIG. 3 is a graphical depiction of the results of the study of 20 **snorers**, wherein the data have been analyzed in view of the apnea indices (A.I.) of the **snorers**.

L3 ANSWER 3 OF 5 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2000:1156461 PROMT
TITLE: MANUFACTURERS.
SOURCE: Health Products Business, (Nov 2000) Vol. 46, No. 11, pp. 16.
ISSN: ISSN: 0149-9602.
PUBLISHER: Cygnus Publishing
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 68709
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L3 ANSWER 4 OF 5 USPATFULL on STN
AN 2002:191253 USPATFULL
TI Composition and method for treating **snoring**
IN Weissman, Glenn H., Bradbury, CA, UNITED STATES
PI US 2002102316 A1 20020801
AI US 2001-973185 A1 20011010 (9)
PRAI US 2000-250117P 20001201 (60)
DT Utility
FS APPLICATION
LN.CNT 915
INCL INCLM: 424/757.000
INCLS: 514/054.000; 424/771.000; 514/345.000
NCL NCLM: 424/757.000
NCLS: 514/054.000; 424/771.000; 514/345.000
IC [7]
ICM: A61K035-78
ICS: A61K031-715; A61K031-44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 5 USPATFULL on STN
AN 2002:92280 USPATFULL

TI Novel antioxidants
IN Avery, Mitchell Allen, Oxford, MS, UNITED STATES
Pershadsingh, Harrihar A., Bakersfield, CA, UNITED STATES
PI US 2002048798 A1 20020425
US 6664287 B2 20031216
AI US 2001-809518 A1 20010314 (9)
PRAI US 2000-189514P 20000315 (60)
DT Utility
FS APPLICATION
LN.CNT 4281
INCL INCLM: 435/183.000
INCLS: 536/008.000; 549/039.000
NCL NCLM: 514/436.000
NCLS: 549/020.000; 549/021.000; 549/022.000
IC [7]
ICM: C07H007-06
ICS: C07D339-04; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

[First Hit](#) [Fwd Refs](#)☐ [Generate Collection](#) [Print](#)

L3: Entry 7 of 8

File: USPT

Sep 4, 2001

DOCUMENT-IDENTIFIER: US 6284886 B1

TITLE: Cereal beta glucan compositions and methods of Formulation

Detailed Description Text (40):

Oat beta glucan powder, more than 85% pure, was obtained from Canamino Inc. (Saskatoon, SK, Canada). The beta glucan was sieved through a 450 micron screen and only material passing through the sieve was used for solution preparation. The amount of beta glucan to produce a final concentration of 1% was calculated accounting for purity and moisture content in the powder. The required volume of 2.5 mM HEPES buffer pH 6.0 was placed in a beaker and a vortex established with an overhead mixer. A preservative system of 2.5% KILLITOL.TM., a formulation consisting of 42.5% glycerin, 42.5% butylene glycol, 7.5% chlorphenesin, and 7.5% methyl paraben and 0.4% potassium sorbate was added, resulting in a solution pH of 7.2. The beta glucan powder was slowly sifted into buffer and allowed to mix for two hours. Without adjusting the vortex, the solution was heated to 55-60.degree. C. for one hour. The 1% beta glucan solution was allowed to cool. The solution had a translucent appearance and a pH of 7.2. Samples were subjected to freeze/thaw testing using a control of 1% beta glucan in 10 mM phosphate pH 7.0. Results indicated that the control beta glucan solution gelled after one freeze/thaw cycle. The stabilized beta glucan solution underwent five cycles without deterioration of product quality.

Detailed Description Text (47):

A production flow diagram is illustrated in FIG. 2. Oat beta glucan powder, more than 85% pure, was obtained from Canamino Inc. (Saskatoon, SK, Canada). The beta glucan was sieved through a 450 micron screen and only material passing through the sieve was used for solution preparation. The amount of beta glucan to produce 200 liters of a beta glucan solution with a final concentration of 0.5% was calculated accounting for purity and moisture content in the powder. The required volume of 2.5 mM HEPES buffer pH 8.0 was placed in a mixing tank equipped with a side mounted, overhead stirrer. A vortex was established and the preservative system of 2.5% KILLITOL.TM., a formulation consisting of 42.5% glycerin, 42.5% butylene glycol, 7.5% chlorphenesin, and 7.5% methyl paraben and 0.4% potassium sorbate was added resulting in a solution pH of 7.2.